

In the Claims:

The listing of Claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1.-2. (Cancelled).

3. (Currently Amended) The portable electronic device of Claim [[1]] 33 wherein the multi-mode matching circuit comprises an impedance matching circuit and wherein the at least one parameter of the multi-mode matching circuit comprises a resistance, a capacitance and/or an inductance.

4. (Cancelled).

5. (Currently Amended) The portable electronic device of Claim [[1]] 33, further comprising a timer circuit operatively associated with the sensor, wherein the sensor is further configured to detect the ~~first and/or second configuration~~ first through third configurations of the housing of the portable electronic device responsive to expiration of the timer circuit.

6.-13. (Cancelled).

14. (Currently Amended) A method of operating a portable electronic device, comprising:

detecting a configuration of a housing of the portable electronic device;

adjusting a multi-mode matching circuit based on the detected configuration of the housing of the portable electronic device, wherein the multi-mode matching circuit is operatively associated with an antenna of the portable electronic device, wherein the multi-mode matching circuit is configured to operate in at least three modes corresponding to respective first through third configurations of the housing, wherein adjusting the multi-mode matching circuit comprises adjusting at least one parameter of the multi-mode matching circuit responsive to the detected configuration of the housing of the portable electronic

device and wherein the at least one parameter is stored in a lookup table; and

locating the at least one parameter in the lookup table using the detected configuration as a pointer for an entry in the lookup table,

wherein the portable electronic device comprises a camera configured to protrude from the portable electronic device during camera functionality and to retract when not in use, wherein the first through third configurations of the portable electronic device correspond to relative positions of the camera.

15. (Cancelled).

16. (Previously Presented) The method of Claim 14 wherein adjusting at least one parameter of the multi-mode matching circuit comprises adjusting a resistance, a capacitance and/or an inductance of the multi-mode matching circuit.

17. (Cancelled).

18. (Original) The method of Claim 14 wherein detecting a configuration of the housing of the portable electronic device further comprises repeatedly detecting the configuration of the housing of the portable electronic device responsive to a detected change in position of the housing.

19. (Original) The method of Claim 14 wherein detecting a configuration of the housing of the portable electronic device further comprises periodically detecting the configuration of the housing of the portable electronic device responsive to expiration of a timer circuit.

20.-32. (Cancelled).

33. (Currently Amended) The portable electronic device of Claim [[32]] 34, further comprising:

a sensor operatively associated with the multi-mode matching circuit, wherein the sensor is configured to detect the first through third configurations of the housing of the portable electronic device and wherein the multi-mode matching circuit is configured to adjust at least one parameter of the multi-mode matching circuit responsive to the first, second and/or third detected configurations of the housing of the portable electronic device, and wherein the at least one parameter is stored in a lookup table; and

a processor operatively associated with the sensor, the processor being configured to locate the at least one parameter in the lookup table using the first, second and/or third detected configuration of the housing of the portable electronic device as a pointer for an entry in the lookup table.

34. (Currently Amended) ~~The portable electronic device of Claim 31, A portable electronic device, comprising:~~

a housing;

an antenna associated with the housing;

a multi-mode matching circuit operatively associated with the antenna, the multi-mode matching circuit being configured to operate in at least three modes corresponding to respective first through third configurations of the housing; and

a camera configured to protrude from the portable electronic device during camera functionality and to retract when not in use, wherein the first through third configurations of the portable electronic device correspond to relative positions of the camera.

35.-36. (Cancelled).